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# (12) United States Patent

## Masuda et al.

# (54) WIRELESS BICYCLE COMPONENT CONTROL

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### (57) ABSTRACT

A bicycle component is provided that facilitates replacement of a communication device. The communication device bicycle component includes an operation member, a power generator, a communication device and an attachment portion. The power generator generates power in a state in which the operation member is operated. The communication device transmits a wireless signal with the power generated by the power generator. The attachment portion is attached to the communication device in a removable manner. The communication device is attachable to another attachment portion of another bicycle component in a removable manner.

# 22 Claims, 3 Drawing Sheets

